Outline of GDF15 paper

GDF15 knockout in pregnant mice results in post-birth increases in body weight for dams and female offspring.

* Introduction
  + GDF15 levels in pregnancy & pregnancy complications
  + GDF15 as a modifiable factor in food intake and body composition
* Methods
* Results
  + Maternal effect of GDF15 KO
    - GDF15 levels to confirm KO
    - Food intake is similar between KO and WT dams
    - Body weight is similar in the pre-pregnancy & pregnant time points, but is greater in the postnatal period for knockout dams\*
    - No differences in insulin tolerance in late gestation
  + Offspring effects of GDF15 KO
    - Early postnatal life
      * Similar gestational age
      * 5.5% reduction in birth weight\*
      * Similar litter size and postnatal day 3 survival
      * Female specific increases in body weight up to PND 14
    - Lactation effects
      * Similar WSW and fat content
      * Doesn’t explain differential effect of postnatal health in females